•	Application No.	Applicant(s)
Notice of Allowability	10/521,060	NAKAHATA ET AL.
Notice of Allowability	Examiner	Art Unit
	Thao P. Le	2818
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. This communication is responsive to <u>04/26/2007</u> .		
2. The allowed claim(s) is/are <u>1,2 and 4-9, 11-16</u> .		
 3.	e been received.	
2. Certified copies of the priority documents have been received in Application No		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftspers		948) attached
1) hereto or 2) to Paper No./Mail Date		,
(b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.	•	
each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal P	atent Application
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	, ,
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Dat 7. ⊠ Examiner's Amendn	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	<u>_</u>	nt of Reasons for Allowance
of Biological Material	9. Other	
The		
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DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Before "Technical Field", please insert:

Cross-Reference To Related Application

This application is a 371 of PCT/JP04/04811 filed on 04/01/2004, which claims the benefit of Japan Patent Application No. 2003-129829, filed 05/08/2003, the contents of which are hereby incorporated herein by reference in their entirety.

Response to Amendment

This Office Action is in response to Amendment filed on 04/26/2007.

Claims 3, 10 have been cancelled.

Claims 1, 2 have been amended.

Claims 1-2, 4-9, 11-16 are pending.

Remark of Applicants has been considered.

Reason for allowance

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Claims 1-2, 4-9, 11-16 are allowed. The following is an examiner's statement of reason for allowance: None of the references of record teaches or suggests the claimed limitations having a method of manufacturing a crystal of a group III-V compound, the method comprising: a heat-treatment step of heat-treating the metal film under an atmosphere in which a metal-film patterning compound is present so that the metal film becomes patterned with a plurality of grooves having an indefinite shape, the grooves having an average width of 2 nm to 5000 nm, the metal film having an aperture fraction of 5% to 80%, the aperture fraction being the percentage of the surface area that the grooves occupy with respect to the substrate total surface area, and growth step of growing a group III-V crystal on the post heat treated metal film.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thao P. Le whose telephone number is 571-272-1785.

The examiner can normally be reached on M-F (8-6).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Steven H. Loke can be reached on 571-272-1657. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thao P. Le Primary Examiner July 3, 2007.